

Dataset Creation Properties

- `H5P_ALL_FILTERS_AVAIL` — Verifies that all required filters are available
- `H5P_FILL_VALUE_DEFINED` — Determines whether fill value is defined
- `H5P_GET_ALLOC_TIME` — Retrieves the timing for storage space allocation
- `H5P_GET_CHUNK` — Retrieves the size of chunks for the raw data of a chunked layout dataset
- `H5P_GET_CHUNK_OPTS` — Retrieves the edge chunk option setting from a dataset creation property list
- `H5P_GET_DSET_NO_ATTRS_HINT` — Retrieves the setting for whether or not to create minimized dataset object headers
- `H5P_GET_EXTERNAL` — Returns information about an external file
- `H5P_GET_EXTERNAL_COUNT` — Returns the number of external files for a dataset
- `H5P_GET_FILL_TIME` — Retrieves the time when fill value are written to a dataset
- `H5P_GET_FILL_VALUE` — Retrieves a dataset fill value
- `H5P_GET_FILTER` — Returns information about a filter in a pipeline
- `H5P_GET_FILTER_BY_ID` — Returns information about the specified filter
- `H5P_GET_LAYOUT` — Returns the layout of the raw data for a dataset
- `H5P_GET_NFILTERS` — Returns the number of filters in the pipeline
- `H5P_GET_VIRTUAL_COUNT` — Gets the number of mappings for the virtual dataset
- `H5P_GET_VIRTUAL_DSETNAME` — Gets the name of a source dataset used in the mapping
- `H5P_GET_VIRTUAL_FILENAME` — Gets the filename of a source dataset used in the mapping
- `H5P_GET_VIRTUAL_SRCSPACE` — Gets a dataspace identifier for the selection within the source dataset used in the mapping
- `H5P_GET_VIRTUAL_VSPACE` — Gets a dataspace identifier for the selection within the virtual dataset used in the mapping
- `H5P_MODIFY_FILTER` — Modifies a filter in the filter pipeline
- `H5P_REMOVE_FILTER` — Delete one or more filters in the filter pipeline
- `H5P_SET_ALLOC_TIME` — Sets the timing for storage space allocation
- `H5P_SET_CHUNK` — Sets the size of the chunks used to store a chunked layout dataset
- `H5P_SET_CHUNK_OPTS` — Sets the edge chunk option in a dataset creation property list
- `H5P_SET_DEFLATE` — Sets deflate (GNU gzip) compression method and compression level
- `H5P_SET_DSET_NO_ATTRS_HINT` — Sets the flag to create minimized dataset object headers
- `H5P_SET_EXTERNAL` — Adds an external file to the list of external files
- `H5P_SET_FILL_TIME` — Sets the time when fill values are written to a dataset
- `H5P_SET_FILL_VALUE` — Sets the fill value for a dataset
- `H5P_SET_FILTER` — Adds a filter to the filter pipeline
- `H5P_SET_FLETCHER32` — Sets up use of the Fletcher32 checksum filter
- `H5P_SET_LAYOUT` — Sets the type of storage used to store the raw data for a dataset
- `H5P_SET_NBIT` — Sets up the use of the N-Bit filter
- `H5P_SET_SCALEOFFSET` — Sets up the use of the scale-offset filter
- `H5P_SET_SHUFFLE` — Sets up use of the shuffle filter
- `H5P_SET_SZIP` — Sets up use of the SZIP compression filter
- `H5P_SET_VIRTUAL` — Sets the mapping between virtual and source datasets